



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Monday, October 9, 2017

Issued: 0800 CT

Day 1 Weather Impacts: Marginal to Slight Risk of severe storms in eastern OK into NW AR.

River Flood Impacts: Continued moderate river flooding on the Neuces river in South TX.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Brian Hoeth
817-978-1100 x 147**

Key Points



Today

- **Marginal to Slight Risk of severe storms in eastern OK into NW AR**
 - **Damaging winds/hail are the primary threats. Isolated tornadoes possible, particularly in NE OK in the Slight Risk area.**

Tuesday

- **Marginal/isolated severe storms w/ hail and strong wind gusts possible for NE AR**

Wednesday - Friday

- **No significant weather impacts**

Tropical Outlook

- **Nate has become post-Tropical. The remnants of Nate have moved northeast of the Region and will track northeast through Pennsylvania & New York today. NO additional impacts to FEMA 6.**
- **Tropical Depression Seventeen has formed in the Eastern Atlantic and will become Tropical Storm Ophelia later today. System will track east and southeast and have NO impacts to FEMA 6.**

River Flooding

- **Moderate river flooding will continue along portions of the Neuces River in South TX. The Neuces at Tilden is forecast to drop into Minor Flood on Tuesday and the Neuces at Three Rivers is forecast to drop into Minor Flood on Wednesday.**

FEMA Region 6 Threat Matrix

Oct 9, 2017 - Oct 13, 2017

	MON	TUE	WED	THU	FRI
Severe Weather	NE OK	NE AR			
	E OK, NW AR				
Heavy Rain / Flash Flooding					
Fire Weather					
River Flooding	S TX	S TX	S TX	S TX	S TX
Tropical Weather					

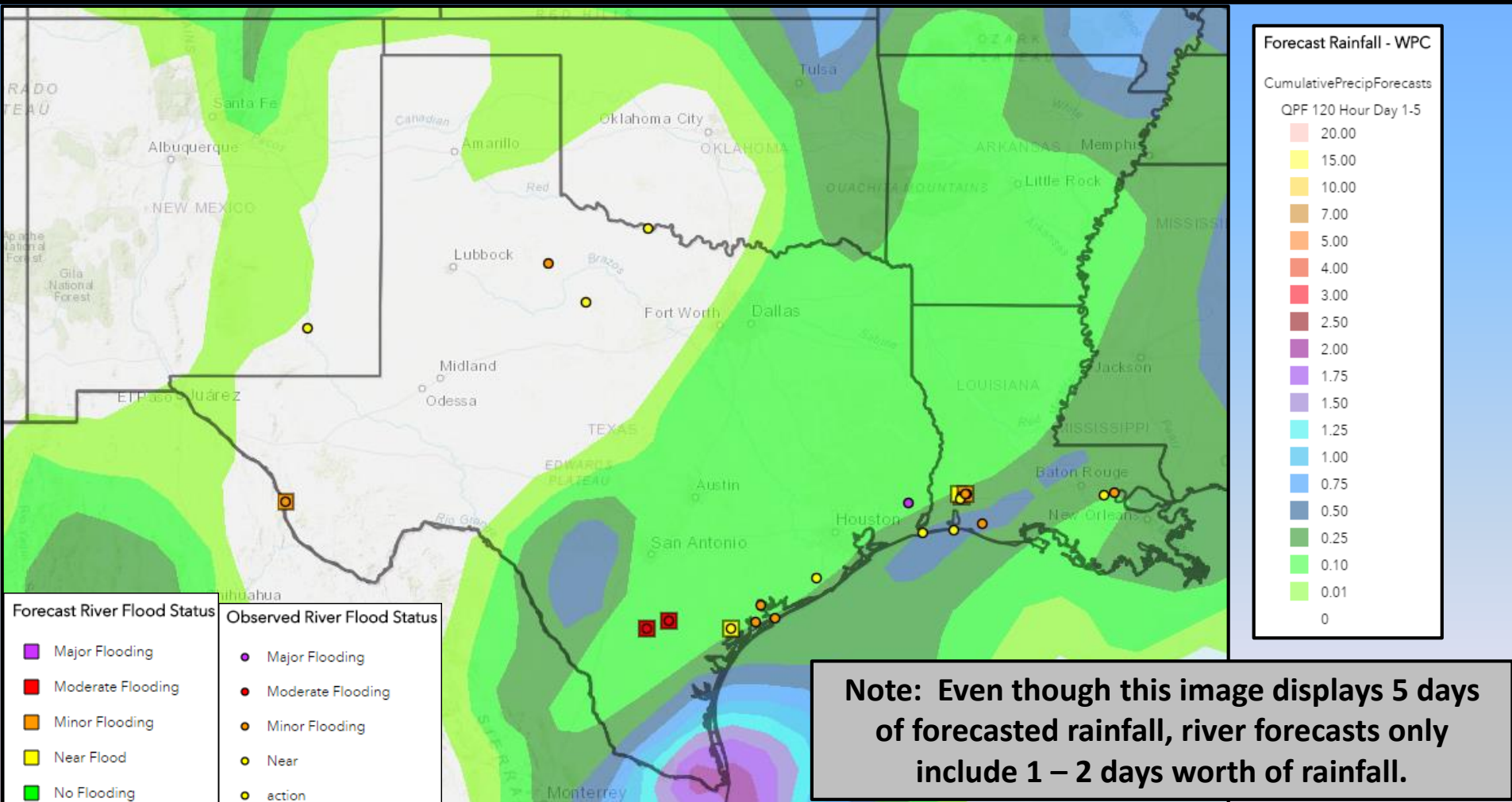
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

Moderate river flooding will continue along portions of the Neuces River in South TX. The Neuces at Tilden is forecast to drop into Minor Flood on Tuesday and the Neuces at Three Rivers is forecast to drop into Minor Flood on Wednesday.



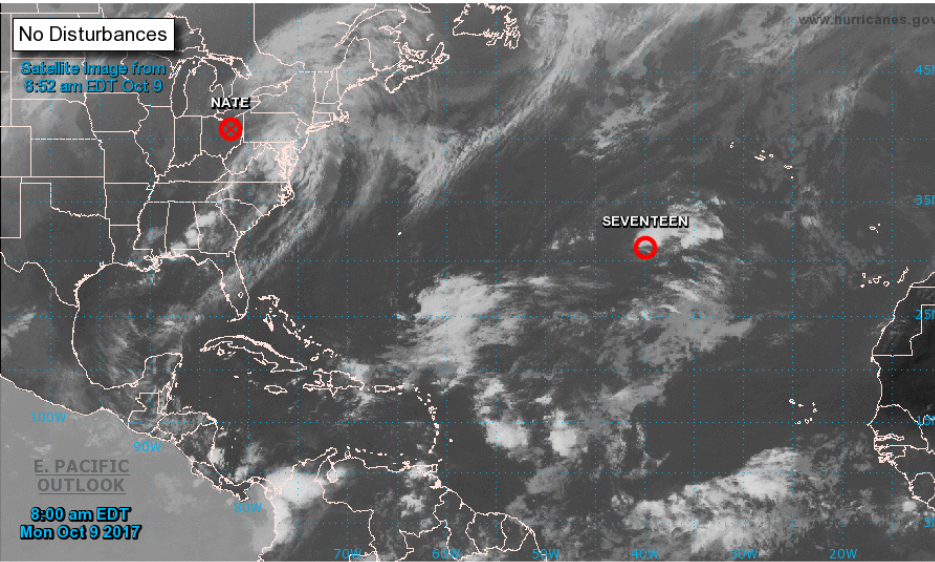
For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook



Two-Day Graphical Tropical Weather Outlook

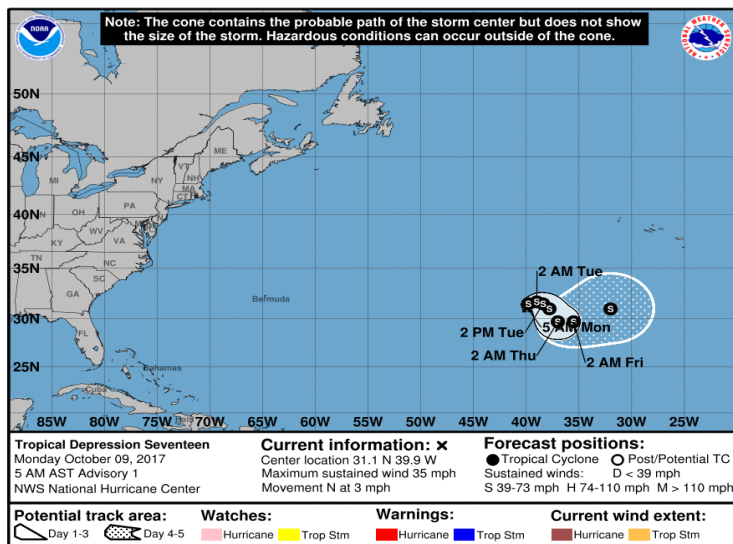
National Hurricane Center Miami, Florida



Current Disturbances and Two-Day Cyclone Formation Chance: ✖ < 40% ✖ 40-60% ✖ > 60%

Tropical or Sub-Tropical Cyclone: ○ Depression ○ Storm ○ Hurricane

○ Post-Tropical Cyclone ✖ Remnants



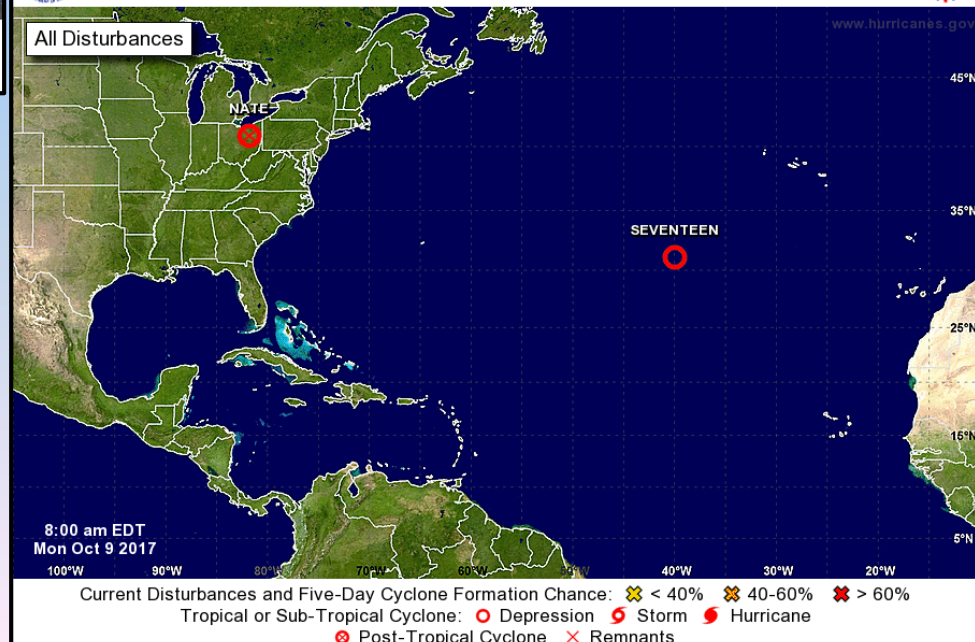
Nate has become post-Tropical. The remnants of Nate have moved northeast of the Region and will track northeast through Pennsylvania and New York today. No additional impacts to FEMA 6.

Tropical Depression Seventeen has formed in the Eastern Atlantic and will become Tropical Storm Ophelia later today. System will track east and southeast and have NO impacts to FEMA 6.

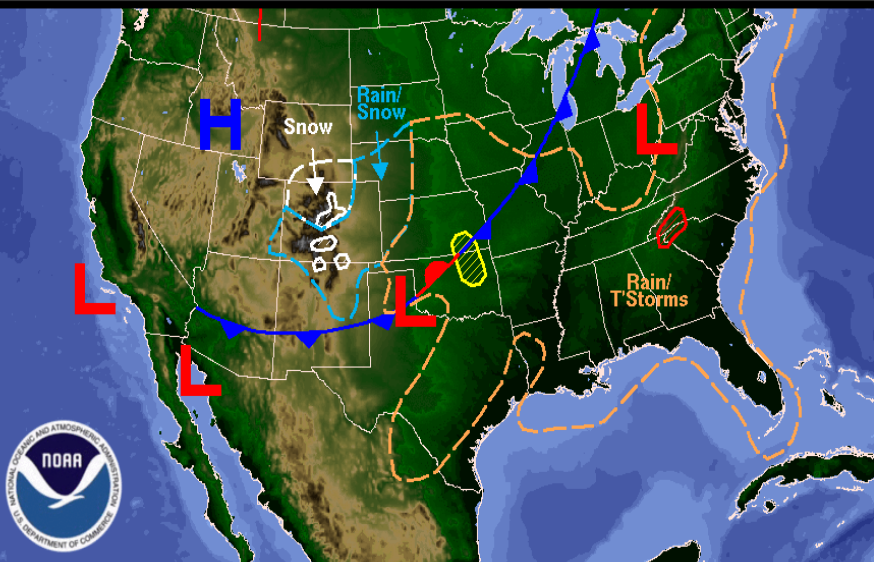


Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



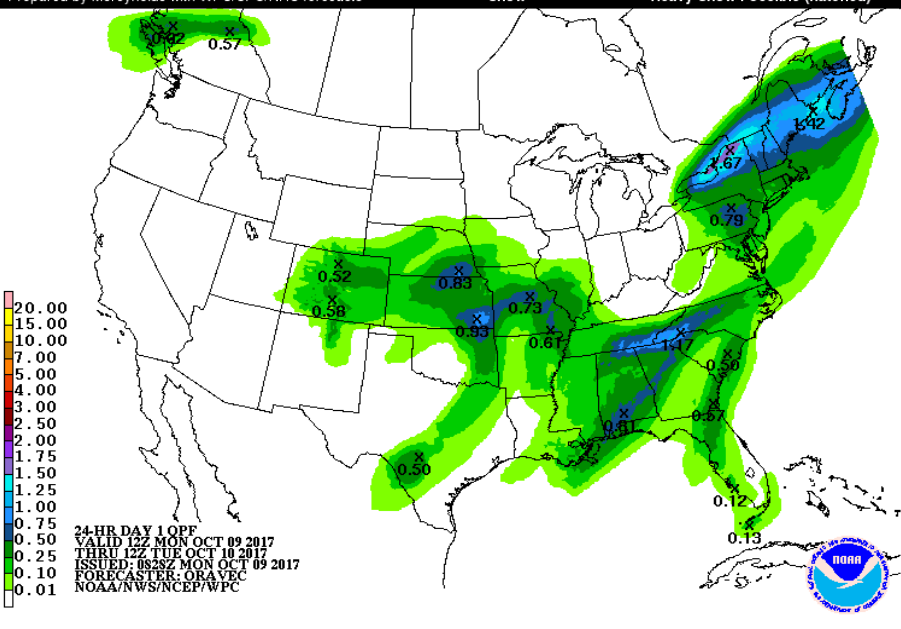
Today's Weather



Day 1 National Forecast Chart

Valid Mon, Oct 09, 2017, issued 4:42 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)

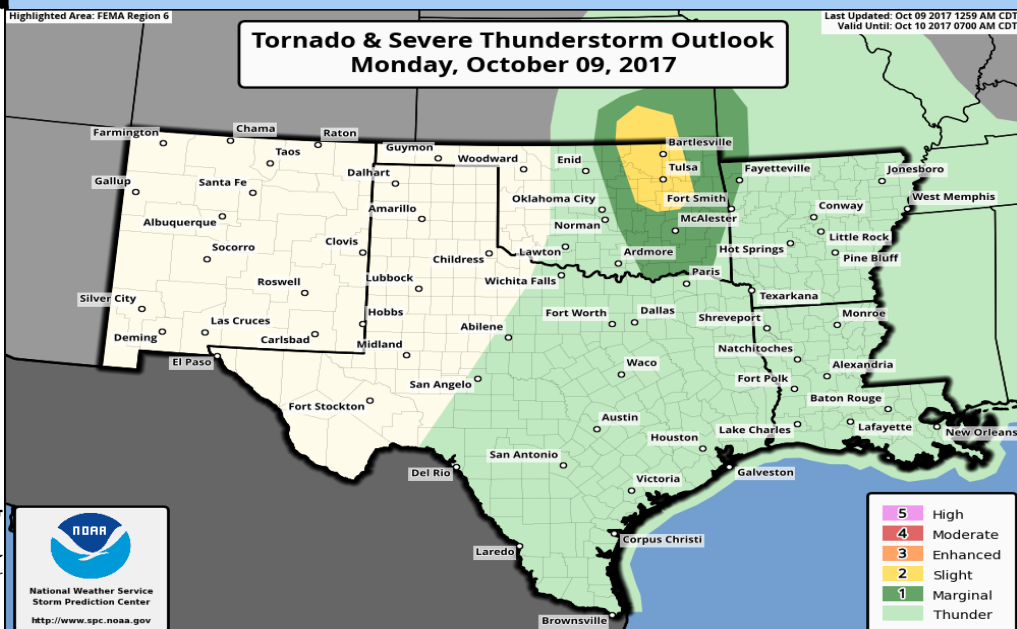


24 HR DAY 1 O-P-P
 VALID 12Z MON OCT 09 2017
 THRU 12Z TUE OCT 10 2017
 ISSUED: 0828Z MON OCT 09 2017
 FORECASTER: ORA/EC
 NOAA/NWS/NCEP/WPC

Marginal to Slight Risk of severe storms in eastern OK into NW AR

- Damaging winds/hail are the primary threats. Isolated tornadoes possible, particularly in NE OK in the Slight Risk area.

Moderate river flooding continues in S TX on the Nueces.

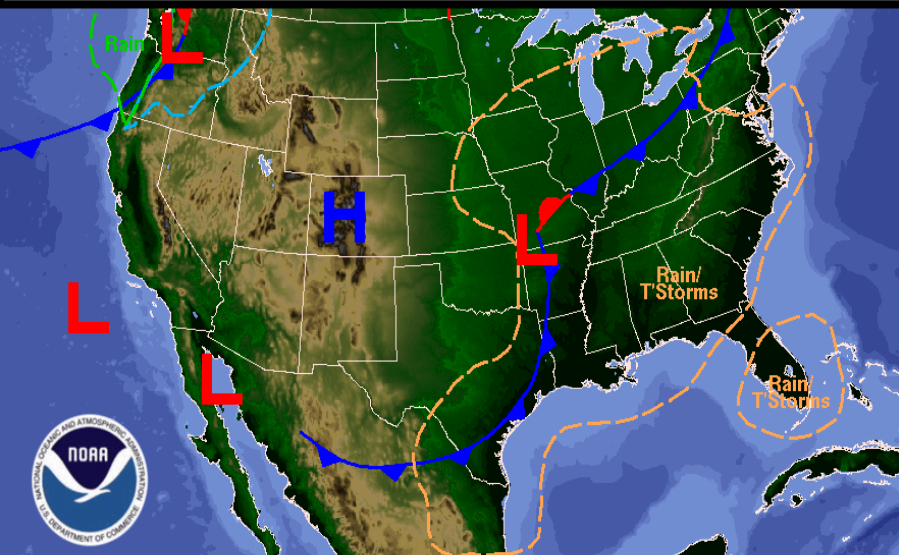


**Tornado & Severe Thunderstorm Outlook
 Monday, October 09, 2017**

Last Updated: Oct 09 2017 12:59 AM CDT
 Valid Until: Oct 10 2017 07:00 AM CDT

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

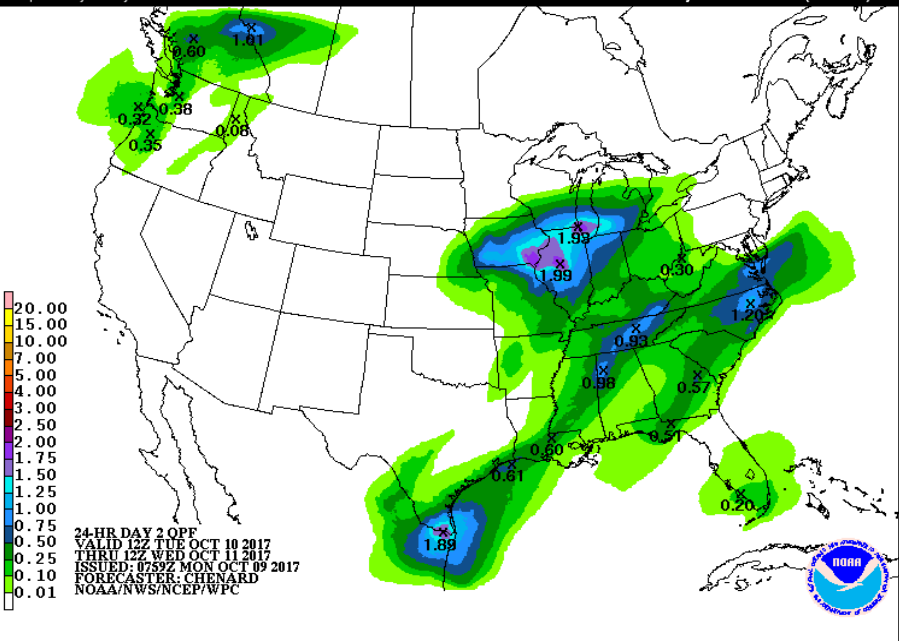
Tomorrow's Weather



Day 2 National Forecast Chart

Valid Tue, Oct 10, 2017, issued 4:48 AM EDT Mon, Oct 09, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

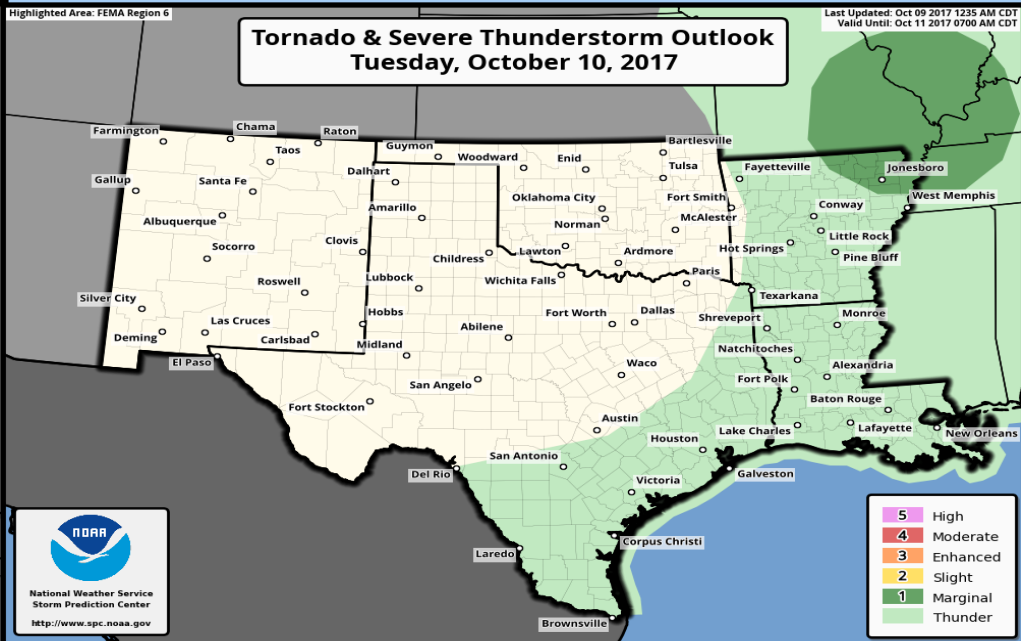
Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)



24-HR DAY 2 O/PF
 VALID 12Z TUE OCT 10 2017
 THRU 12Z WED OCT 11 2017
 ISSUED: 0739Z MON OCT 09 2017
 FORECASTER: CHENARD
 NOAA/NWS/NCEP/WPC

Marginal/isolated severe thunderstorms with hail and strong wind gusts possible in NE AR.

Moderate river flooding continues in S TX on the Nueces at Three Rivers. The Neuces at Tilden is forecast to drop into Minor Flood on Tuesday.



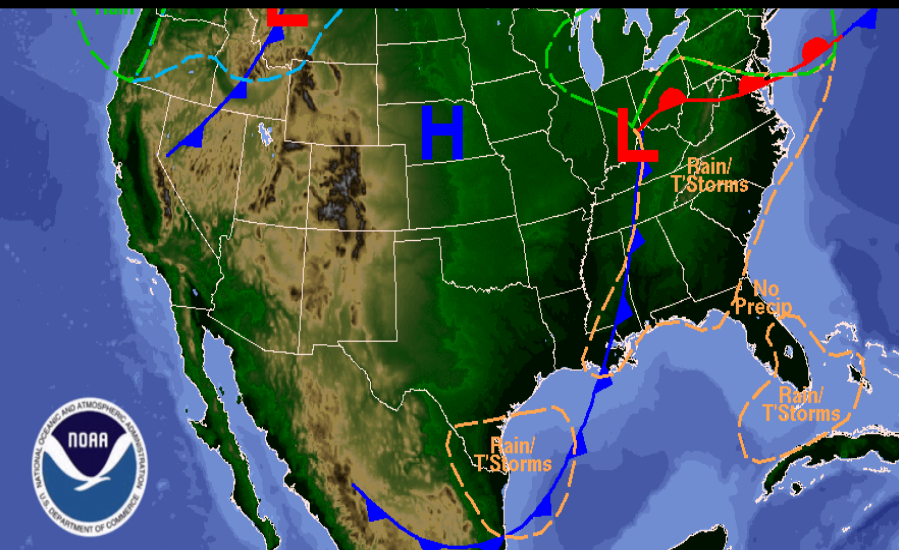
**Tornado & Severe Thunderstorm Outlook
 Tuesday, October 10, 2017**

Last Updated: Oct 09 2017 1235 AM CDT
 Valid Until: Oct 11 2017 0700 AM CDT

NOAA
 National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

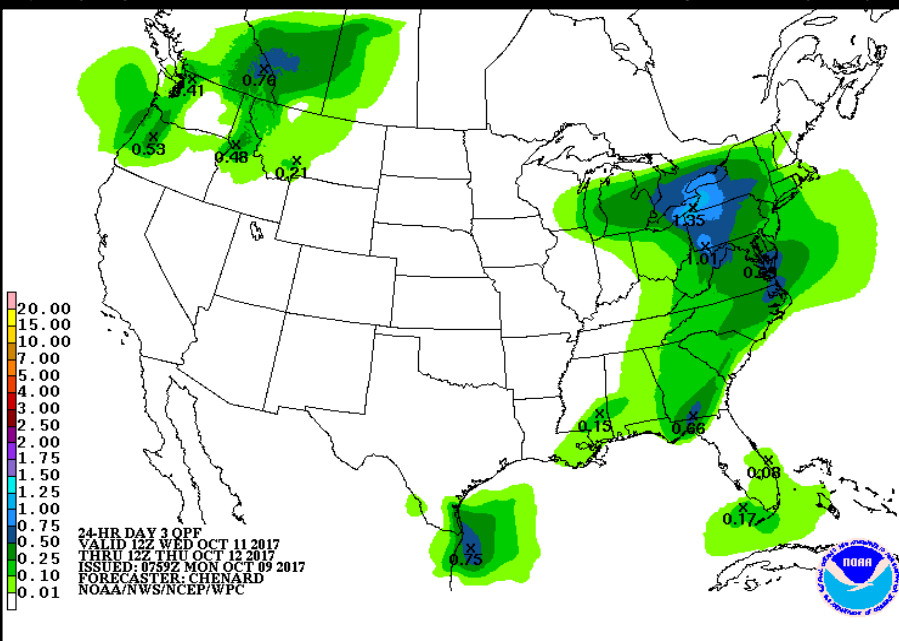
Wednesday's Weather



Day 3 National Forecast Chart

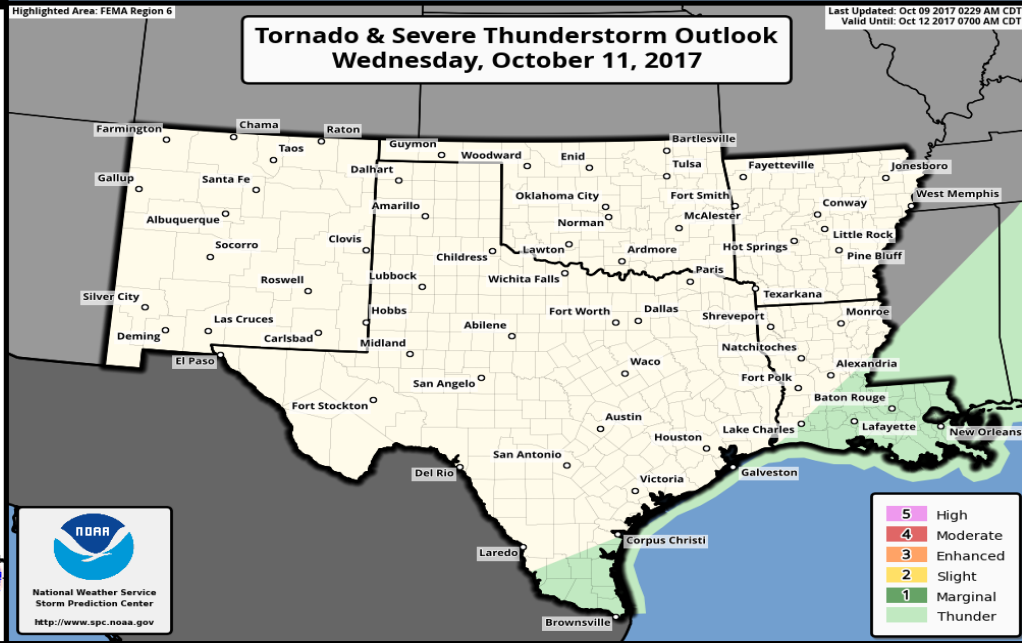
Valid Wed, Oct 11, 2017, Issued 4:51 AM EDT Mon, Oct 09, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



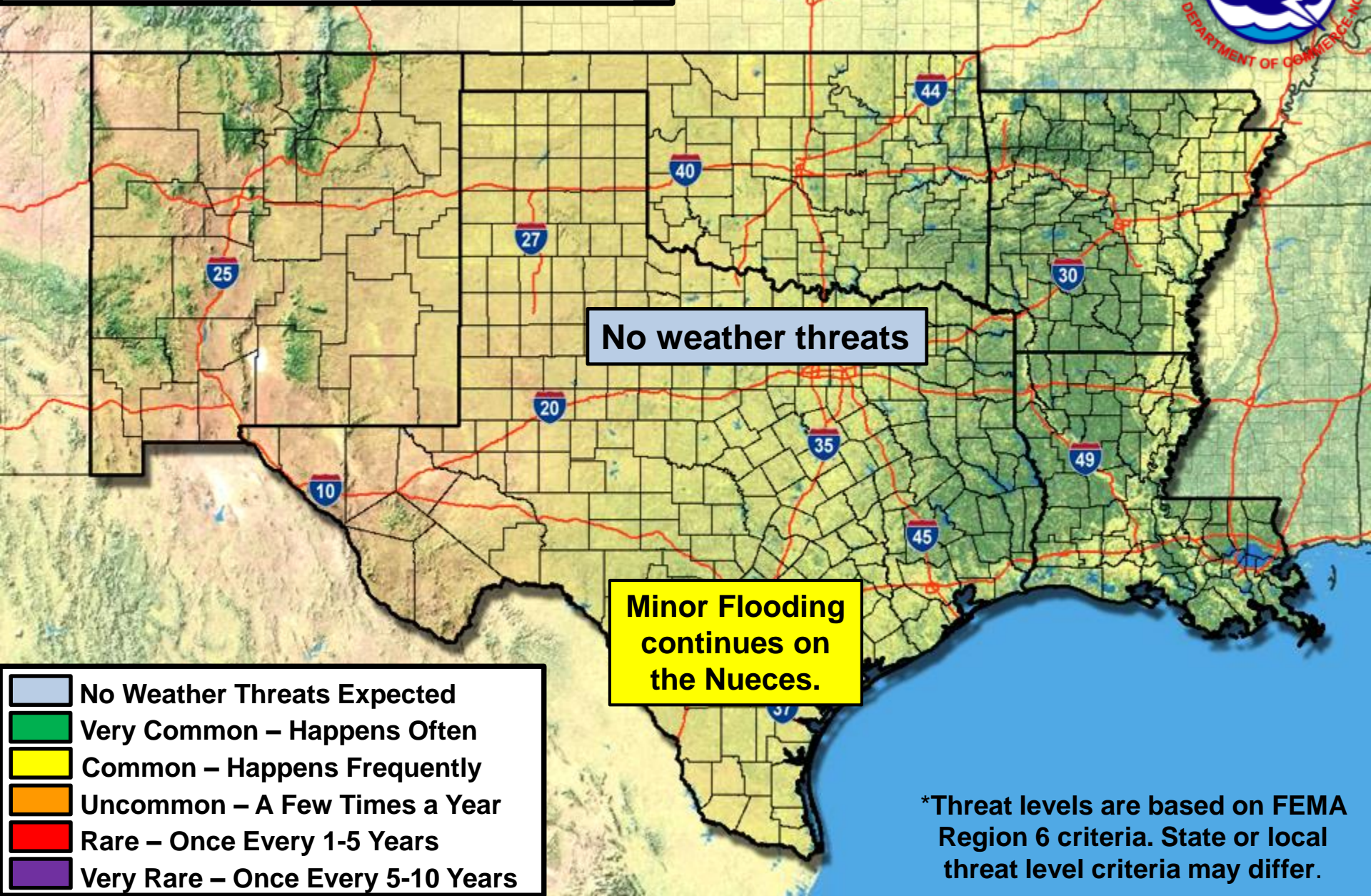
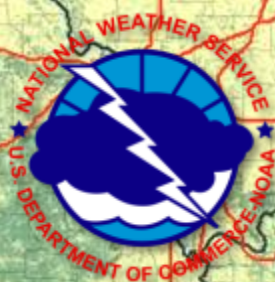
No weather threats.

Minor to moderate river flooding continues in S TX on the Nueces. The Nueces at Three Rivers is forecast to drop into Minor Flood on Wednesday.



Day 4-5 Weather Hazards

Valid: 0800 Thu - 0800 Sat



No weather threats

Minor Flooding
continues on
the Nueces.

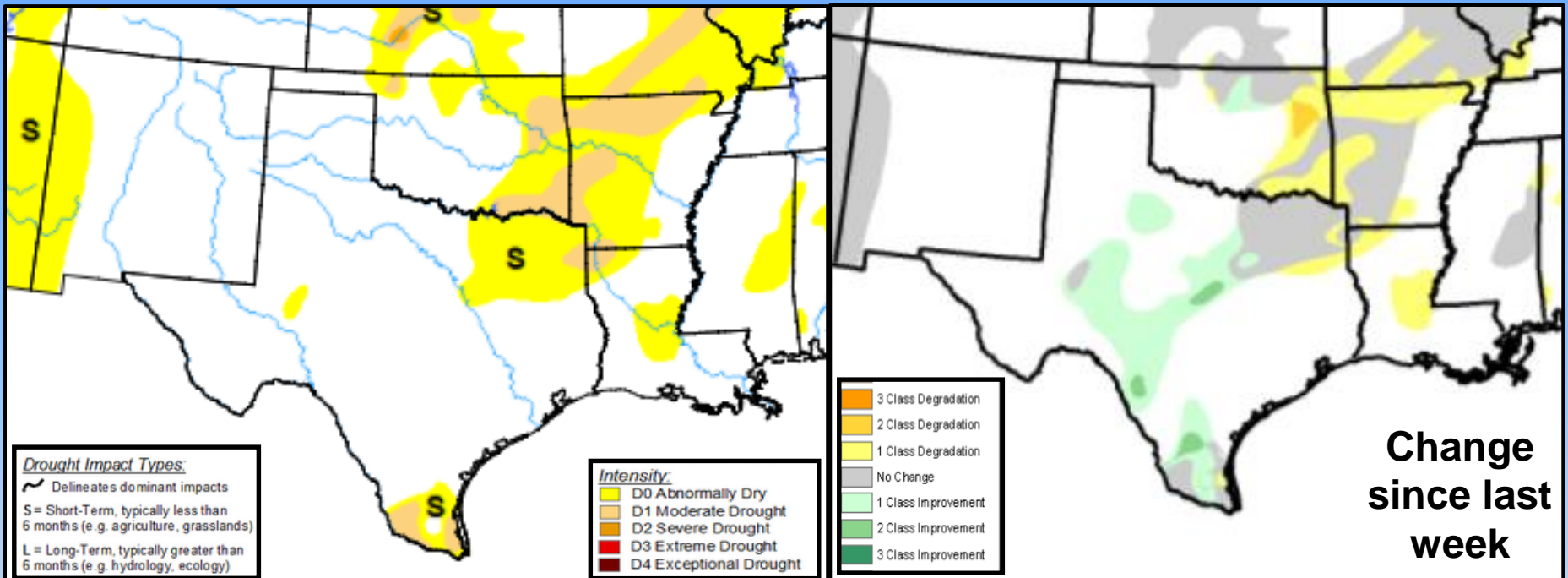
- | | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released 5 October, 2017

Data valid as of 7am CDT, Tuesday, October 3, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

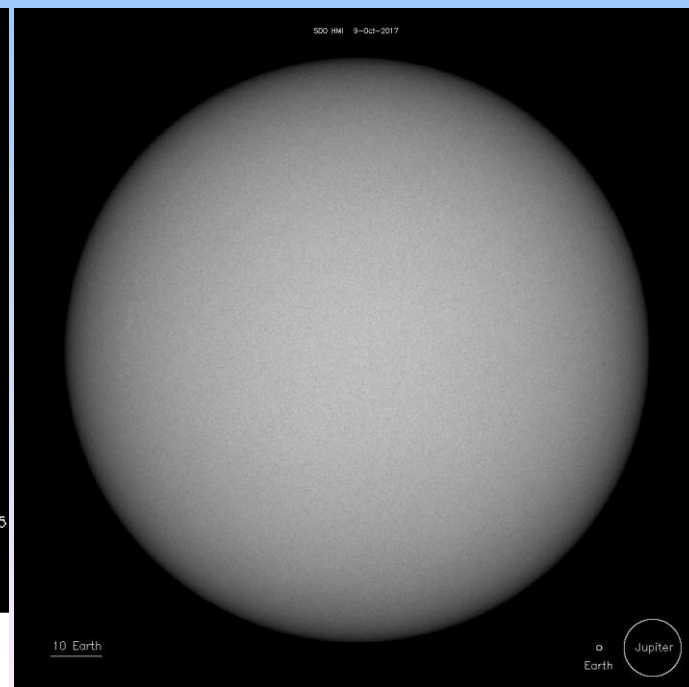
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

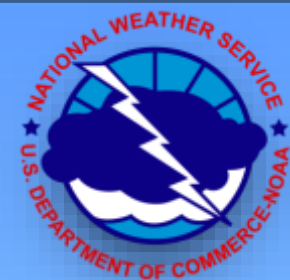
	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Minor (G1) Storm (Max Kp = 5)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2017-10-09 12:08 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms